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12/10/01  
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see page 6

#2

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RAW SEQUENCE LISTING

DATE: 11/12/2002

PATENT APPLICATION: US/09/989,733

TIME: 07:51:43

Input Set : A:\Seq\_Listing\_for\_P2730P1C68.wpd

Output Set: N:\CRF4\11122002\I989733.raw

3 <110> APPLICANT: Ashkenazi, Avi J.  
4 Baker, Kevin P.  
5 Botstein, David  
6 Desnoyers, Luc  
7 Eaton, Dan L.  
8 Ferrara, Napoleone  
9 Fong, Sherman  
10 Gerber, Hanspeter  
11 Gerritsen, Mary E.  
12 Goddard, Audrey  
13 Godowski, Paul J.  
14 Grimaldi, J. Christopher  
15 Gurney, Austin L.  
16 Kljavin, Ivar J.  
17 Napier, Mary A.  
18 Pan, James  
19 Paoni, Nicholas F.  
20 Roy, Margaret Ann  
21 Stewart, Timothy A.  
22 Tumas, Daniel  
23 Watanabe, Colin K.  
24 Williams, P. Mickey  
25 Wood, William I.  
26 Zhang, Zemin  
28 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
29 Acids Encoding the Same  
31 <130> FILE REFERENCE: P2730P1C68  
C--> 33 <140> CURRENT APPLICATION NUMBER: US/09/989,733  
C--> 33 <141> CURRENT FILING DATE: 2001-11-01  
33 <150> PRIOR APPLICATION NUMBER: 60/049787  
34 <151> PRIOR FILING DATE: 1997-06-16  
36 <150> PRIOR APPLICATION NUMBER: 60/062250  
37 <151> PRIOR FILING DATE: 1997-10-17  
39 <150> PRIOR APPLICATION NUMBER: 60/065186  
40 <151> PRIOR FILING DATE: 1997-11-12  
42 <150> PRIOR APPLICATION NUMBER: 60/065311  
43 <151> PRIOR FILING DATE: 1997-11-13  
45 <150> PRIOR APPLICATION NUMBER: 60/066770  
46 <151> PRIOR FILING DATE: 1997-11-24  
48 <150> PRIOR APPLICATION NUMBER: 60/075945  
49 <151> PRIOR FILING DATE: 1998-02-25  
51 <150> PRIOR APPLICATION NUMBER: 60/078910  
52 <151> PRIOR FILING DATE: 1998-03-20

## RAW SEQUENCE LISTING

DATE: 11/12/2002

PATENT APPLICATION: US/09/989,733

TIME: 07:51:43

Input Set : A:\Seq\_Listing\_for\_P2730PlC68.wpd

Output Set: N:\CRF4\11122002\I989733.raw

54 <150> PRIOR APPLICATION NUMBER: 60/083322  
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57 <150> PRIOR APPLICATION NUMBER: 60/084600  
58 <151> PRIOR FILING DATE: 1998-05-07  
60 <150> PRIOR APPLICATION NUMBER: 60/087106  
61 <151> PRIOR FILING DATE: 1998-05-28  
63 <150> PRIOR APPLICATION NUMBER: 60/087607  
64 <151> PRIOR FILING DATE: 1998-06-02  
66 <150> PRIOR APPLICATION NUMBER: 60/087609  
67 <151> PRIOR FILING DATE: 1998-06-02  
69 <150> PRIOR APPLICATION NUMBER: 60/087759  
70 <151> PRIOR FILING DATE: 1998-06-02  
72 <150> PRIOR APPLICATION NUMBER: 60/087827  
73 <151> PRIOR FILING DATE: 1998-06-03  
75 <150> PRIOR APPLICATION NUMBER: 60/088021  
76 <151> PRIOR FILING DATE: 1998-06-04  
78 <150> PRIOR APPLICATION NUMBER: 60/088025  
79 <151> PRIOR FILING DATE: 1998-06-04  
81 <150> PRIOR APPLICATION NUMBER: 60/088026  
82 <151> PRIOR FILING DATE: 1998-06-04  
84 <150> PRIOR APPLICATION NUMBER: 60/088028  
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87 <150> PRIOR APPLICATION NUMBER: 60/088029  
88 <151> PRIOR FILING DATE: 1998-06-04  
90 <150> PRIOR APPLICATION NUMBER: 60/088030  
91 <151> PRIOR FILING DATE: 1998-06-04  
93 <150> PRIOR APPLICATION NUMBER: 60/088033  
94 <151> PRIOR FILING DATE: 1998-06-04  
96 <150> PRIOR APPLICATION NUMBER: 60/088326  
97 <151> PRIOR FILING DATE: 1998-06-04  
99 <150> PRIOR APPLICATION NUMBER: 60/088167  
100 <151> PRIOR FILING DATE: 1998-06-05  
102 <150> PRIOR APPLICATION NUMBER: 60/088202  
103 <151> PRIOR FILING DATE: 1998-06-05  
105 <150> PRIOR APPLICATION NUMBER: 60/088212  
106 <151> PRIOR FILING DATE: 1998-06-05  
108 <150> PRIOR APPLICATION NUMBER: 60/088217  
109 <151> PRIOR FILING DATE: 1998-06-05  
111 <150> PRIOR APPLICATION NUMBER: 60/088655  
112 <151> PRIOR FILING DATE: 1998-06-09  
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115 <151> PRIOR FILING DATE: 1998-06-10  
117 <150> PRIOR APPLICATION NUMBER: 60/088738  
118 <151> PRIOR FILING DATE: 1998-06-10  
120 <150> PRIOR APPLICATION NUMBER: 60/088742  
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123 <150> PRIOR APPLICATION NUMBER: 60/088810  
124 <151> PRIOR FILING DATE: 1998-06-10  
126 <150> PRIOR APPLICATION NUMBER: 60/088824

## RAW SEQUENCE LISTING

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Input Set : A:\Seq\_Listing\_for\_P2730PlC68.wpd

Output Set: N:\CRF4\11122002\I989733.raw

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133 <151> PRIOR FILING DATE: 1998-06-11  
135 <150> PRIOR APPLICATION NUMBER: 60/088861  
136 <151> PRIOR FILING DATE: 1998-06-11  
138 <150> PRIOR APPLICATION NUMBER: 60/088876  
139 <151> PRIOR FILING DATE: 1998-06-11  
141 <150> PRIOR APPLICATION NUMBER: 60/089105  
142 <151> PRIOR FILING DATE: 1998-06-12  
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148 <151> PRIOR FILING DATE: 1998-06-16  
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153 <150> PRIOR APPLICATION NUMBER: 60/089532  
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187 <151> PRIOR FILING DATE: 1998-06-19  
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192 <150> PRIOR APPLICATION NUMBER: 60/090252  
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195 <150> PRIOR APPLICATION NUMBER: 60/090254  
196 <151> PRIOR FILING DATE: 1998-06-22  
198 <150> PRIOR APPLICATION NUMBER: 60/090349  
199 <151> PRIOR FILING DATE: 1998-06-23

## RAW SEQUENCE LISTING

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TIME: 07:51:43

Input Set : A:\Seq\_Listing\_for\_P2730P1C68.wpd

Output Set: N:\CRF4\11122002\I989733.raw

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204 <150> PRIOR APPLICATION NUMBER: 60/090429  
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207 <150> PRIOR APPLICATION NUMBER: 60/090431  
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213 <150> PRIOR APPLICATION NUMBER: 60/090444  
214 <151> PRIOR FILING DATE: 1998-06-24  
216 <150> PRIOR APPLICATION NUMBER: 60/090445  
217 <151> PRIOR FILING DATE: 1998-06-24  
219 <150> PRIOR APPLICATION NUMBER: 60/090472  
220 <151> PRIOR FILING DATE: 1998-06-24  
222 <150> PRIOR APPLICATION NUMBER: 60/090535  
223 <151> PRIOR FILING DATE: 1998-06-24  
225 <150> PRIOR APPLICATION NUMBER: 60/090540  
226 <151> PRIOR FILING DATE: 1998-06-24  
228 <150> PRIOR APPLICATION NUMBER: 60/090542  
229 <151> PRIOR FILING DATE: 1998-06-24  
231 <150> PRIOR APPLICATION NUMBER: 60/090557  
232 <151> PRIOR FILING DATE: 1998-06-24  
234 <150> PRIOR APPLICATION NUMBER: 60/090676  
235 <151> PRIOR FILING DATE: 1998-06-25  
237 <150> PRIOR APPLICATION NUMBER: 60/090678  
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240 <150> PRIOR APPLICATION NUMBER: 60/090690  
241 <151> PRIOR FILING DATE: 1998-06-25  
243 <150> PRIOR APPLICATION NUMBER: 60/090694  
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246 <150> PRIOR APPLICATION NUMBER: 60/090695  
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250 <151> PRIOR FILING DATE: 1998-06-25  
252 <150> PRIOR APPLICATION NUMBER: 60/090862  
253 <151> PRIOR FILING DATE: 1998-06-26  
255 <150> PRIOR APPLICATION NUMBER: 60/090863  
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259 <151> PRIOR FILING DATE: 1998-07-01  
261 <150> PRIOR APPLICATION NUMBER: 60/091478  
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264 <150> PRIOR APPLICATION NUMBER: 60/091544  
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270 <150> PRIOR APPLICATION NUMBER: 60/091626  
271 <151> PRIOR FILING DATE: 1998-07-02  
273 <150> PRIOR APPLICATION NUMBER: 60/091633

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DATE: 11/12/2002

PATENT APPLICATION: US/09/989,733

TIME: 07:51:43

Input Set : A:\Seq\_Listing\_for\_P2730PlC68.wpd

Output Set: N:\CRF4\11122002\I989733.raw

274 <151> PRIOR FILING DATE: 1998-07-02  
276 <150> PRIOR APPLICATION NUMBER: 60/091978  
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312 <150> PRIOR APPLICATION NUMBER: 60/095318  
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315 <150> PRIOR APPLICATION NUMBER: 60/095321  
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318 <150> PRIOR APPLICATION NUMBER: 60/095301  
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321 <150> PRIOR APPLICATION NUMBER: 60/095325  
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327 <150> PRIOR APPLICATION NUMBER: 60/095929  
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330 <150> PRIOR APPLICATION NUMBER: 60/096012  
331 <151> PRIOR FILING DATE: 1998-08-10  
333 <150> PRIOR APPLICATION NUMBER: 60/096143  
334 <151> PRIOR FILING DATE: 1998-08-11  
336 <150> PRIOR APPLICATION NUMBER: 60/096146  
337 <151> PRIOR FILING DATE: 1998-08-11  
339 <150> PRIOR APPLICATION NUMBER: 60/096329  
340 <151> PRIOR FILING DATE: 1998-08-12  
342 <150> PRIOR APPLICATION NUMBER: 60/096757  
343 <151> PRIOR FILING DATE: 1998-08-17  
345 <150> PRIOR APPLICATION NUMBER: 60/096766  
346 <151> PRIOR FILING DATE: 1998-08-17

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/989,733

DATE: 11/12/2002  
TIME: 07:51:44

Input Set : A:\Seq\_Listing\_for\_P2730P1C68.wpd  
Output Set: N:\CRF4\11122002\I989733.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:24; N Pos. 14,484  
Seq#:42; N Pos. 44,118,172,183  
Seq#:68; N Pos. 206,217,387  
Seq#:74; N Pos. 48,163  
Seq#:75; N Pos. 32,65,92,121,142,154,170,293,315,323  
Seq#:76; N Pos. 48  
Seq#:77; N Pos. 21,111  
Seq#:105; N Pos. 31,39,108,145,179,219,412,479  
Seq#:106; N Pos. 26,38,81,115,207,329,380,446,449  
Seq#:107; N Pos. 52,67,70,78,105,144,150,209,266,268,282,310,331,356  
Seq#:108; N Pos. 12,25,65,130,437,537  
Seq#:136; N Pos. 39,61,143,209  
Seq#:139; N Pos. 53,57  
Seq#:140; N Pos. 197,349  
Seq#:149; N Pos. 34,52,134,142,155,158,196,217,228,272,347,410,445,482  
Seq#:152; N Pos. 1017,1020  
Seq#:154; N Pos. 66  
Seq#:172; N Pos. 71,76,86,91,162,220,269,281  
Seq#:184; N Pos. 654,711,748  
Seq#:214; N Pos. 72,73,85,91,127,226,268,454,484,513,566,663  
Seq#:217; N Pos. 5,146  
Seq#:304; N Pos. 108,123,126,154,198,206,217  
Seq#:305; N Pos. 58,94,132,186,191,220,240,248,280,311,332  
Seq#:306; N Pos. 1,22,129,133,184  
Seq#:307; N Pos. 52,89,128  
Seq#:320; N Pos. 59,95,149,331,364,438,446  
Seq#:516; N Pos. 1869,1887

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Input Set : A:\Seq\_Listing\_for\_P2730PlC68.wpd

Output Set: N:\CRF4\11122002\I989733.raw

L:33 M:270 C: Current Application Number differs, Replaced Current Application No  
L:33 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:1893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:450  
L:2927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:2931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:100  
L:2933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:150  
L:3112 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47  
L:3117 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47  
L:3122 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:47  
L:4455 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:200  
L:4461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:350  
L:4740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0  
L:4746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:150  
L:4771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0  
L:4773 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:50  
L:4775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:100  
L:4777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:150  
L:4781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:250  
L:4783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:300  
L:4800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0  
L:4831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0  
L:4835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:100  
L:5850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:0  
L:5854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:100  
L:5856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:150  
L:5858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:200  
L:5866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:400  
L:5868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:450  
L:5881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:0  
L:5883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:50  
L:5885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:100  
L:5889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:200  
L:5893 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:300  
L:5895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:350  
L:5897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:106 after pos.:400  
L:5914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:50  
L:5916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:100  
L:5920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:200  
L:5922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:250  
L:5924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:300  
L:5926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:350  
L:5939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:0  
L:5941 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:50  
L:5943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:100  
L:5955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:400  
L:5959 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:108 after pos.:500  
L:7597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136 after pos.:0

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Input Set : A:\Seq\_Listing\_for\_P2730PlC68.wpd

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L:7599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136 after pos.:50  
L:7601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136 after pos.:100  
L:7605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:136 after pos.:200  
L:7823 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:139 after pos.:50  
L:7850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140 after pos.:150  
L:7856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140 after pos.:300  
L:8139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149 after pos.:0  
L:8342 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153  
L:8347 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153  
L:8352 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:153  
L:10323 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183  
L:10328 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183  
L:10333 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183  
L:10338 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183  
L:10343 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:183  
L:13416 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236  
L:13421 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236  
L:13426 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236  
L:18861 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:342  
L:18864 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:342